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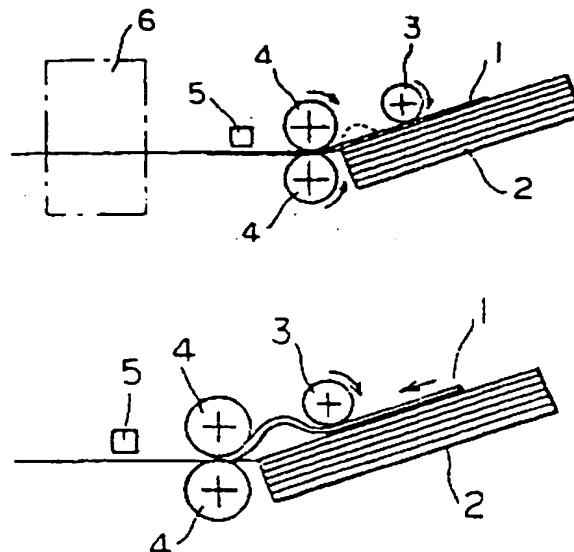
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TITLE : PAPER SKEW COMPENSATING
MECHANISM



ABSTRACT : PURPOSE: To make the compensation of paper skew ever so easy, by making a conveyor roller go into reverse and moving paper backward if the paper skew is detected at the time of feeding a sheet of cut paper, and again feeding it progressively by a paper feed roller, making it collide with the conveyor roller.

CONSTITUTION: A sheet of paper 1 on a hopper 2 is delivered piece by piece by a paper feed roller 3, and it is made to collide with a conveyor roller 4, making it into a curl form. then, this conveyor roller 4 is driven, feeding the paper 1 to a printing part 6. When a tilt of the paper 1 is detected to be more than the specified value by the sensor 5 installed between the conveyor roller 4 and the printing part 6, the conveyor roller 4 and the paper feed roller 3 both are reversed, feeding the paper 1 backward to the feed roller 3, and these rollers 3 and 4 are stopped. Next, the same operation as the first is carried out and, after it is repeated till the tilt of the paper 1 is set within the specified value, the paper is fed to the printing part 6. With this constitution, skewing of the paper 1 is automatically compensated, thus deterioration in quality of a printed latter of a printer is prevented from occurring.

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